

ABSTRACT

Processes for preparing a powdery high rubber impact modifier containing two or more populations of polymer particles having a total rubbery weight fraction of greater than 90 weight percent is provided. Also provided are various
5 methods of preparing aqueous polymer particle dispersions having two or more populations of polymer particles having a total rubbery weight fraction of greater than 90 weight percent. These dispersions are spray-driable into a powder and are useful for increasing the impact strength of various matrix resins.

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